

Avoid Brake System Failure!

Changing your brake fluid once a year or every 36,000 miles is important.

- *After three years of service the average boiling point of brake fluid has dropped to a potentially dangerous level because of moisture contamination and may not meet minimum federal requirements for brake fluid.*
- *Did you know that probably half of all cars and light trucks that are 10 or more years old have never had their brake fluid changed?*
- *A spongy pedal is often created by moisture that has absorbed into the brake system via microscopic paths in rubber brake lines and seals.*
- *The systematic brake down of fluid from heat causes gases to be trapped in the brake system often causing the need to bleed the system of air.*

Ask Us for Brake Fluid Flushing Service Today!

What you should know about brake fluids!

- *DOT 3 brake fluid is a polyethylene glycol. It is not petroleum based and similar to antifreeze absorbs moisture over time.*
- *DOT 4 brake fluid is also a polyethylene glycol but with borate ester additives used to increase dry and wet boiling points. It too absorbs moisture over time.*
- *DOT 5 brake fluid is a silicon based fluid that should not be used in ABS systems, nor systems which experience regular driving.*
- *DOT 3, DOT 4, and DOT 5 fluids should never be interchanged as additives and mixes of different compounds WILL compromise systems designed for a specific DOT rated fluid.*
- *Wet boiling point is the most significant measure of a fluid's durability as compared to the dry boiling point.*
- *DOT 3 and DOT 4 brake fluid is hygroscopic meaning it absorbs moisture. DOT 5 is not hygroscopic. DOT 5 WILL lead to vapor locking braking systems under NORMAL use due to unabsorbed water boiling behind caliper pistons.*



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